

**Flood Control Project Maintenance
Levee Inspections**

Fall 2008 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

RD2104	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2104	U	7.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	1.78	7.01	29.82	402.97%		
Trim / Thin Trees	0.02	0.05	0.22	2.97%		
Erosion / Bank Caving	0.01		0.01	0.14%		
Repair Gates		0.01	0.04	0.54%		
<i>LMA Totals:</i>	1.81	7.07	30.09	406.62%	0.00	0.00

Unit No. 01 Cache Slough	Overall Unit Rating	Total Unit Miles				
	U	2.60				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.43	1.08	4.75	182.69%		
Trim / Thin Trees	0.01	0.05	0.21	8.08%		
Erosion / Bank Caving	0.01		0.01	0.39%		
<i>Unit Totals:</i>	0.45	1.13	4.97	191.15%	0.00	0.00

Unit No. 02 Haas Slough	Overall Unit Rating	Total Unit Miles				
	U	4.80				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	1.35	5.93	25.07	522.29%		
Trim / Thin Trees	0.01		0.01	0.21%		
Repair Gates		0.01	0.04	0.83%		
<i>Unit Totals:</i>	1.36	5.94	25.12	523.33%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2008 Levee Inspection Results

Reclamation District No. 2104

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 2104

Waterway			Bank	Unit Miles
Unit No. 01 Cache Slough			Left	2.60
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/24/2008		9/30/2008	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to : DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2104

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 Cache Slough						Left	2.60	09/30/2008		Herman Phillips	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.19	0.22	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.305912 ° -121.757515 °	38.305583 ° -121.757215 °		2
2	0.31	0.31	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.304662 ° -121.756520 °	38.304662 ° -121.756520 °		3
3	0.42	0.49	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.303130 ° -121.756533 °	38.302260 ° -121.755987 °		5
4	0.42	0.67	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.303058 ° -121.756542 °	38.300238 ° -121.754347 °		6
5	0.79	0.79	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.299837 ° -121.752537 °	38.299837 ° -121.752535 °		19
6	1.36	1.37	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees over roadway to at least 12 feet above ground level.	38.296237 ° -121.744327 °	38.296158 ° -121.744262 °		9
7	1.43	1.49	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.295732 ° -121.743288 °	38.295697 ° -121.742408 °		10
8	1.43	1.60	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.295730 ° -121.743288 °	38.294835 ° -121.741192 °		11
9	1.55	1.60	Earthen Levee	Trim / Thin Trees	WS	U	Trim trees to at least five feet above ground level.	38.295462 ° -121.741443 °	38.294912 ° -121.741178 °		12
10	1.69	2.60	Earthen Levee	Vegetation	CR	U	Remove the wild growth other than native grasses from the levee slopes.	38.294125 ° -121.740428 °	38.294290 ° -121.726933 °		15
11	2.08	2.09	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.292027 ° -121.734575 °	38.291947 ° -121.734453 °		16

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 2104

Waterway		Bank	Unit Miles
Unit No. 02 Haas Slough		Right	4.80

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	4/24/2008		9/30/2008	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2104

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 02 Haas Slough						Right	4.80	09/30/2008		Herman Phillips	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	2.74	2.80	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.293450 ° -121.726645 °	38.294283 ° -121.726932 °		16
2	2.77	3.02	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.293892 ° -121.726755 °	38.296357 ° -121.729418 °		5
3	3.09	3.36	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.297045 ° -121.730057 °	38.300738 ° -121.730385 °		4
4	3.10	3.41	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.297142 ° -121.730100 °	38.301360 ° -121.730417 °		6
5	3.44	3.44	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	38.301725 ° -121.730438 °	38.301725 ° -121.730438 °		7
6	3.72	3.72	Earthen Levee	Repair Gates	CR	U	Inspector Comments: Replace old broken gate with a functional gate.	38.304792 ° -121.731053 °	38.304792 ° -121.731053 °		10
7	3.74	6.64	Earthen Levee	Vegetation	CR	U	Remove the wild growth other than native grasses from the levee slopes.	38.304932 ° -121.731187 °	38.318365 ° -121.758190 °		11
8	3.80	4.32	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.305488 ° -121.731780 °	38.310982 ° -121.736203 °		12
9	3.97	4.32	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.307182 ° -121.733542 °	38.310982 ° -121.736203 °		13
10	4.55	5.08	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes.	38.313072 ° -121.739005 °	38.318500 ° -121.744598 °		15
11	4.55	6.64	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	38.313068 ° -121.739005 °	38.318363 ° -121.758192 °		14

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